

Example 2: TPDES New Application

The following summary is provided for this pending water quality permit application being reviewed by the Texas Commission on Environmental Quality as required by 30 Texas Administrative Code Chapter 39. The information provided in this summary may change during the technical review of the application and are not federal enforceable representations of the permit application.

South Central Water Company (CN602602179) proposes to operate the Krum 125 wastewater treatment plant (RN111771846), an activated sludge process plant operated in the complete mix mode. The facility will be located approximately 4,100 feet northeast of the intersection of Jackson Road and Riply Road, in Denton County, Texas 76249

This application is for a new application to discharge at a daily average flow of 950,000 gallons per day of treated domestic wastewater.

Discharges from the facility are expected to contain five-day carbonaceous biochemical oxygen demand (CBOD₅), total suspended solids (TSS), ammonia nitrogen (NH₃-N), and *Escherichia coli*. Additional potential pollutants are included in the Domestic Technical Report 1.0, Section 7. Pollutant Analysis of Treated Effluent in the permit application package. Domestic wastewater will be treated by an activated sludge process plant and the treatment units will include a bar screen, aeration basins, final clarifiers, sludge digesters, and chlorine contact chambers.

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South Central Water Company (CN602602179) propone operar la planta de tratamiento de aguas residuales Krum 125 (RN111771846), una planta de procesamiento de lodos activados operada en el modo de mezcla completa. La instalación estará ubicada aproximadamente a 4,100 pies al noreste de la intersección de Jackson Road y Riply Road, en el condado de Denton, Texas 76249

Esta aplicación es para una nueva aplicación para descargar a un flujo promedio diario de 950,000 galones por día de aguas residuales domésticas tratadas.

Se espera que las descargas de la instalación contengan una demanda bioquímica de oxígeno carbonoso de cinco días (CBOD₅), sólidos suspendidos totales (TSS), nitrógeno amoníaco (NH₃-N) y *Escherichia coli*. Otros contaminantes potenciales se incluyen en el Informe Técnico Doméstico 1.0, Sección 7. Análisis de Contaminantes de Efluentes Tratados en el paquete de solicitud de permiso. Las aguas residuales domésticas serán tratadas por una planta de proceso de lodos activados y las unidades de tratamiento incluirán una pantalla de barras, cuencas de aireación, clarificadores finales, digestores de lodos y cámaras de contacto con cloro.

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Water Quality Applications Team